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CENTRAL FAX CENTERIN THE CLAIMS

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This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (currently amended) A first storage system connected, via a network, to a computer and a second storage system, comprising:
 - a first storage device configured to a first file system;
 - a first controller for controlling said first filestorage system; and
 - a second controller for controlling input/output operations to/from said second storage system,
wherein said second storage system having-includes a second storage device configured to a second file system and a third controller, and a second storage device, configured to a second file system, connected to said third second controller, for controlling said second file system, and
wherein said first controller mounts a root directory of said second file system at a mount point in said first file system such that said first and second file systems are provided to said computer as a single directory tree.

2. (previously presented) A first storage system according to claim 1, wherein said second controller manages logical units in said second storage device as a RAID group possessed by said first storage system, and wherein said first controller creates a file system in said second storage device using said RAID group.

3. (currently amended) A first storage system according to claim 1, wherein said first controller is responsive to an access request for a file received from said computer for identifying that a file system in which said file is stored is in said second storage, and accesses a file stored in said second storage through said second controller.

4. (previously presented) A first storage system according to claim 1, wherein said second controller is connected to a plurality of second storage systems.

Claim 5 (canceled).

6. (previously presented) A first storage system according to claim 1, wherein said first controller copies data in the first file system in said first storage device into said second storage device while maintaining the structure of said second file system.

7. (previously presented) A first storage system according to claim 6, wherein said first controller copies the data in the first file system in said first storage device into said second storage device, and thereafter erases the data in the first file system in said first storage.

8. (previously presented) A first storage system according to claim 6, wherein said first controller or said second controller adds an attribute indicative of prohibition of a write access from said computer to the first file

system when the data in the file system in said first storage device is copied into said second storage device.

9. (previously presented) A first storage system according to claim 8, wherein said first storage system is connected to a management device, such that said first controller copies the data in the first file system in said first storage device into said second storage device, and adds the attribute based on an instruction from said management device.

10. (previously presented) A first storage system according to claim 9, wherein said management device sets a time at which a new file system is configured in said first storage device,

wherein said first controller creates a new file system in said first storage device upon arrival of said time, and

wherein said first controller stores data written from said computer in said new file system, and moves a file system in said first storage device which has stored data written from said computer before said time into said second storage device.

11. (previously presented) A first storage system according to claim 10, further comprising:

a management table,

wherein said storage system manages the structure of a file system using said management table.

12. (currently amended) A system for storing a file accessed by a computer, comprising:

a first storage system, said first storage system connected to said computer via a first network; and

a second storage system connected to the first storage system via a second network;

wherein the first storage system includes a first storage device configured to a first file system, a first controller for controlling said first storage device and for providing the first file system to the computer, and a second controller for controlling input/output operations, via the second network, to/from said second storage system,

wherein said second storage system includes a second storage device configured to a second file system and a third controller, connected to said second controller, for controlling said second file system,

wherein said first controller mounts a root directory of said second file system at a mount point in said first file system such that said first and second file systems are provided by said computer as a single directory tree, and

wherein said second controller accesses, via the second network and said third controller, the second file system created in said second storage system in response to an access request for the second file system from said computer

a first storage device configured to a first file system;

a first controller for controlling said first storage system; and

a second controller for controlling input/output operations to/from said second storage system,

— wherein said second storage system includes a third controller, and a second storage device, configured to a second file system, connected to said third controller, and

— wherein said first controller accesses the second file system in said second storage system in response to an access request for the second file system from said computer,

— wherein said first controller mounts a root directory of said second file system at a mount point in said first file system such that said first and second file systems are provided to said computer as a single directory tree.

Claim 13 (canceled).

14. (currently amended) A system according to claim 12, further comprising:

a management device connected, via a network, to the first storage system and the second storage system,

wherein said management device instructs said first controller to move the first file system in said first storage device into said second storage device;

wherein said first controller is responsive to said instruction for copying data in the first file system in said first storage device into said second storage device while maintaining the structure of the second file system, and erases the data in the first file system in said first storage device; and

| wherein said first controller is responsive to an access request for said
second file system from said computer for controlling said second storage
device to make an access thereto.

15. (previously presented) A system according to claim 14,
wherein when said first controller copies the data in the first file system in
said first storage device into said second storage device, said management
terminal instructs said first storage system to add an attribute which prohibits
a data write access from said computer to said first file system; and
said first controller or said second controller adds said attribute to said
first file system.

16. (previously presented) A system according to claim 15,
wherein said management device sets a time at which a new file system is in
said first storage device,
wherein said first controller creates a new file system in said first
storage device upon arrival of said time, and
wherein said first controller writes data received from said computer
after said time into said new file system, and moves a file system in said first
storage device which has stored data written from said computer before said
new file system was configured in said second storage device.

17. (currently amended) A computer program product for a first
storage system which is connected, via a network, to a computer and a
second storage system, said computer program product comprising:

a code for controlling, by a first controller, input/output operations to/from a first file system stored in a first storage device included in said first storage system, said first storage device being configured to a said first file system;

a code for controlling, by a second controller included in said second first storage system, to control input/output operations to/from a second storage system,

wherein said second storage system includes a second storage device included in said second storage system, said second storage device being configured to a second file system; and a third controller, connected to said second controller, for controlling said second file system

wherein said first controller mounts a root directory of said second file system at a mount point in said first file system such that said first and second file systems are provided to said computer as a single directory tree; and
a computer readable storage medium for storing said codes.

18. (previously presented) A computer program product according to claim 17, further comprising:

a code for copying data in the first file system in said first storage device into said second storage device while maintaining the structure of the second file system.

19. (previously presented) A computer program product according to claim 18, further comprising:

a code for erasing the data in said first file system in said first storage system after copying the data in said first file system in said first storage device into said second storage device.

20. (previously presented) A computer program product according to claim 18, further comprising:

a code for adding an attribute which prohibits a data write access from said computer to the first file system in said first storage device when the data in the first file system in said first storage device is copied into said second storage device.